

Title (en)

WATER-BASED INK AND INK SET INCLUDING SAME

Title (de)

TINTE AUF WASSERBASIS UND TINTENSATZ DAMIT

Title (fr)

ENCRE AQUEUSE, ET ENSEMBLE D'ENCRE CONTENANT CELLE-CI

Publication

EP 4365248 A1 20240508 (EN)

Application

EP 22833126 A 20220627

Priority

- JP 2021109297 A 20210630
- JP 2022025627 W 20220627

Abstract (en)

Provided is a water-based ink with which it is possible to suppress white spots, suppress the occurrence of water-based ink filling defects, and produce recorded matter having high image reproducibility. This water-based ink contains at least a coloring material, water, and an organic solvent, the coloring material containing a pigment, and the organic solvent having a water-octanol partition coefficient of -0.3 or less.

IPC 8 full level

C09D 11/322 (2014.01); **B41J 2/01** (2006.01); **B41M 5/00** (2006.01); **C09D 11/40** (2014.01)

CPC (source: EP KR)

B41J 2/01 (2013.01 - EP KR); **B41M 5/00** (2013.01 - KR); **B41M 5/0017** (2013.01 - EP); **C09D 11/322** (2013.01 - EP KR); **C09D 11/38** (2013.01 - EP KR); **C09D 11/40** (2013.01 - EP KR); **C09D 11/54** (2013.01 - EP KR); **B41M 7/0045** (2013.01 - EP); **B41M 7/0054** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4365248 A1 20240508; CN 117396566 A 20240112; JP 2023007500 A 20230118; JP 7169481 B1 20221110; JP WO2023276979 A1 20230105; KR 20230171983 A 20231221; WO 2023276979 A1 20230105

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